

A METHOD AND APPARATUS FOR MODELING COIL SPRINGS
USING PARALLEL MECHANISMS

ABSTRACT OF THE DISCLOSURE

A method for modeling a coil spring on a suspension system in terms of derived torque and force characteristics of the spring comprising the steps of providing a force field generator for simulating the spring, securing the force field generator to the suspension system, activating the force field generator to produce forces for characterizing the spring, measuring the forces; and deriving a spring design based upon the measured forces.

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